



PATENT
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Stinson et al.	Art Unit:	1645
Serial No.:	09/215,163	Examiner:	J. Graser
Filed:	December 18, 1998	Customer No.:	21559
Title:	HUMANIZED MONOCLONAL ANTIBODIES THAT PROTECT AGAINST SHIGA TOXIN INDUCED DISEASE		

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Applicants submit the references listed on the enclosed Form PTO-1449, copies of which are enclosed. Submission of this statement is not a representation that a search has been made, nor is the inclusion of information in this statement an admission that the information is material to patentability.

This statement is being filed before the receipt of a first Office action following the filing of a Request for Continued Examination under 37 C.F.R. § 1.114.

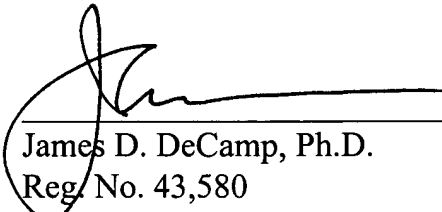
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Respectfully submitted,

Date:

22 October 2004


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SUBSTITUTE FORM PTO-1449 (MODIFIED) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 C.F.R. § 1.98(b))		Attorney Docket No. 50111/043002 Serial No. 09/215,163 Applicant Stinson et al. Filing Date December 18, 1998 Group 1645 IDS Filed October 22, 2004 Customer No. 21559				
U.S. PATENTS OR PATENT APPLICATIONS						
Examiner's Initials	Patent or Publication Number	Publication or Issue Date	Patentee or Applicant	Class	Subclass	Filing Date (If Appropriate)
	2002/0160005	10/31/2002	Tzipori et al.			
	2003/0082189	5/1/2003	Tzipori et al.			
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION						
Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
	WO 98/20903 ✓	5/22/1998	W.I.P.O.			
	WO 99/45962 ✓	9/16/1999	W.I.P.O.			
	WO 99/59629 ✓	11/25/1999	W.I.P.O.			
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)						
Downes et al., "Affinity Purification and Characterization of Shiga-Like Toxin II and Production of Toxin-Specific Monoclonal Antibodies," <i>Infection and Immunity</i> 56:1926-1933 (1988). ✓						
Edwards et al., "Humanization of Monoclonal Antibodies Against <i>Escherichia Coli</i> Toxins STX1 and STX2," V110/V11:113, Abstract (1997) ✓						
Jackson et al., "Functional Analysis of the Shiga Toxin and Shiga-Like Toxin Type II Variant Binding Subunits by Using Site-Directed Mutagenesis," <i>Journal of Bacteriology</i> 172:653-658 (1990). ✓						
Kelley, R., "Engineering Therapeutic Antibodies," In Protein Engineering: Principles and Practice. Ed. Cleland J.L. and Craik C.S., Chapter 15:399-434, Wiley-Liss Inc. (1996). ✓						
O'Brien et al., "Immunochemical and Cytotoxic Activities of <i>Shigella dysenteriae</i> 1 (Shiga) and Shiga-Like Toxins," <i>Infection and Immunity</i> 35:1151-1154 (1982).						
Paton et al., "Pathogenesis and Diagnosis of Shiga Toxin-Producing <i>Escherichia Coli</i> Infections," <i>Clinical Microbiology Reviews</i> , 11:450-479 (1998). ✓						
Perera et al., "Isolation and Characterization of Monoclonal Antibodies to Shiga-Like Toxin II of Enterohemorrhagic <i>Escherichia coli</i> and Use of the Monoclonal Antibodies in a Colony Enzyme-Linked Immunosorbent Assay," <i>Journal of Clinical Microbiology</i> , 26:2127-2131 (1988). ✓						
EXAMINER				DATE CONSIDERED		
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.						



SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Attorney Docket No.	50111/043002
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				Group	1645
				IDS Filed	October 22, 2004
				Customer No.	21559
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)					
	Schmitt et al., "Two Copies of Shiga-Like Toxin II-Related Genes Common In Enterohemorrhagic <i>Escherichia coli</i> Strains Are Responsible for the Antigenic Heterogeneity of the O157:H ⁻ Strain E32511," <i>Infection and Immunity</i> , 59:1065-1073 (1991). ✓				
	Strockbine et al., "Characterization of Monoclonal Antibodies against Shiga-Like Toxin from <i>Escherichia coli</i> ," <i>Infection and Immunity</i> , 50:695-700 (1985). ✓				
	Tesh et al., "Comparison of the Relative Toxicities of Shiga-Like Toxins Type I and Type II for Mice," <i>Infection and Immunity</i> , 61:3392-3402 (1993). ✓				
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